

From: [Mullen, Tom](#)
To: [Fuentes, Rene](#)
Cc: [Winiecki, Eric](#); [Baron, Adam](#); [Freeman, Kevin](#); [Sebesta, Lisa](#)
Subject: DOCKET NO. SDWA-10-2013-0080 / Groundwater Monitoring Well Installation Activities - Monday, September 3, 2013 Update
Date: Wednesday, September 04, 2013 5:24:34 AM

Rene,

On Tuesday, September 3, Cascade conducted development activities on wells YVD-04 (total depth [TD] = 248 ft) and YVD-03 (TD=202.7 ft). The two wells were surged and bailed for approximately 3 and 2 hours, respectively. Water level measurements prior to developing each well indicated the following water columns: YVD-04 – 24.0 ft and YVD-03 – 12.9 ft. Approximately 7.5 and 5 gallons of water were removed from wells YVD-04 and YVD-03, respectively. Water quality parameters were recorded during development. Water quality parameters changed only some during development of the wells. An abundant amount of very fine sand was removed from the wells and turbidity exceeded the limits of the water quality meter (e.g., 800 NTU). Will be developing the three remaining wells Wednesday of this week including YVD-02, YVD-05, and YVD-06.

In regards to the upcoming groundwater sampling, we will begin sampling the week of September 16. This start date provides us adequate time to make the necessary preparations for conducting groundwater sampling (i.e., lab coordination, logistics for equipment and supplies, etc.) coupled with the uncertainty of the necessary amount of time that it took to perform well development activities. We envision that groundwater sampling will take the entire week to complete. Prior to sampling activities, ARCADIS will also conduct a synoptic round of water level measurements of the 26 wells (e.g., 17 “YVD” wells and 9 “DC” wells). Groundwater sampling will be conducted by means of a bladder pump and follow the low-flow sampling procedures detailed in Appendix E of the Groundwater Monitoring QAPP.

Please let me know if you have any questions.

Tom

Thomas F. Mullen, PG | Certified Project Manager / Senior Hydrogeologist | tom.mullen@arcadis-us.com
ARCADIS U.S., Inc. | 695 N. Legacy Ridge Drive, Suite 200 | Liberty Lake, WA, 99019
T. 509.928.3369 | M. 208.755.1094 | F. 509.928.3075
www.arcadis-us.com
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LG, LHG, LEG / WA, 211

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